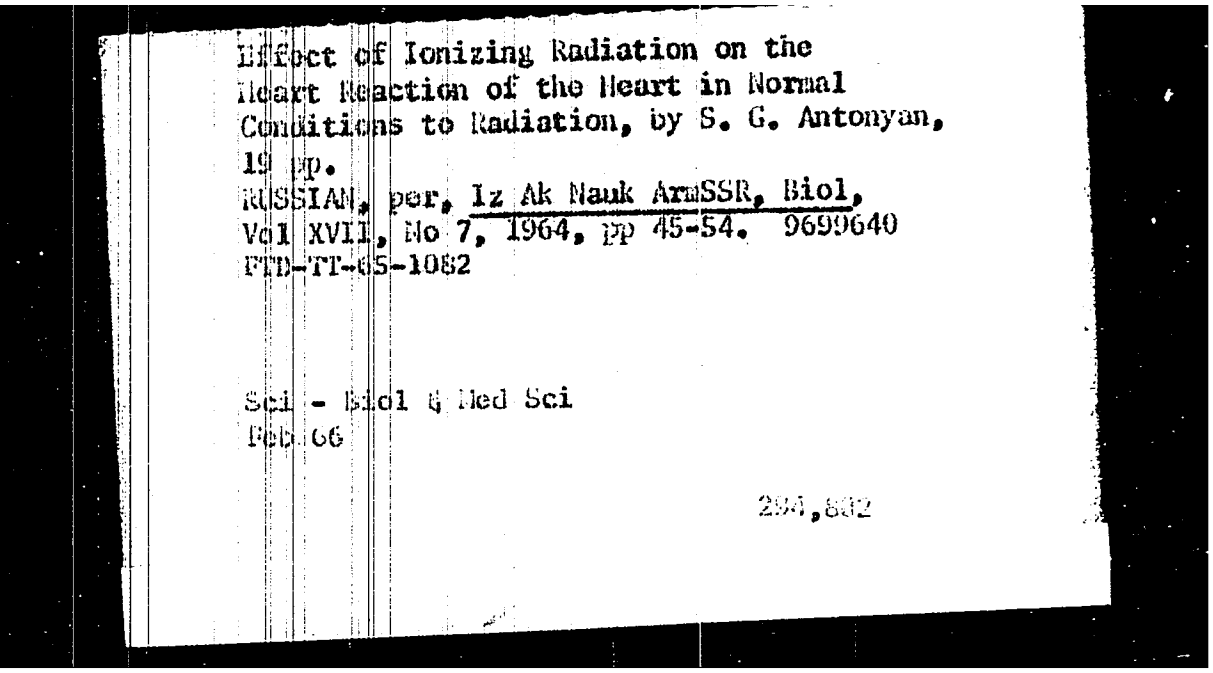
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5



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Sci - Biol & Med Sci
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by P. Gambaryan.
RUSSIAN, per, Iz Ak Nauk Arm SSR, Biol Nauk,
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NLL RTS-3101

Sci - Biol
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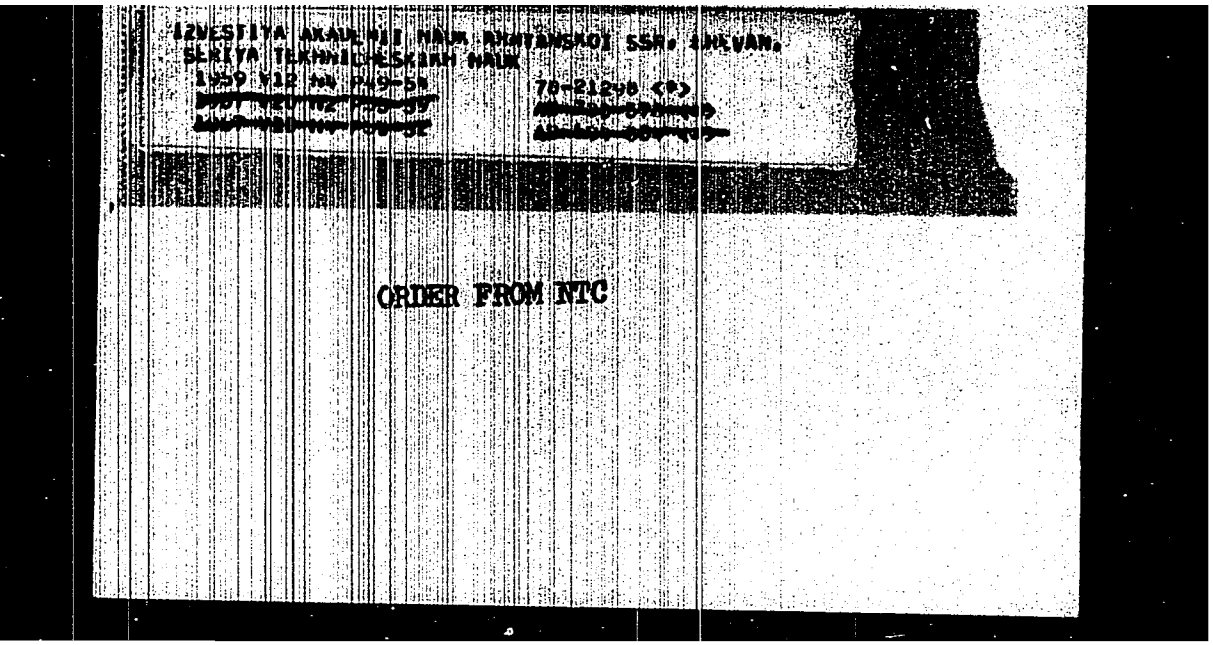


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CIA/FDD/U-7314

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Vol VII, No 1, Yerevan, Jan/Feb 1954,
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CIA/FDD/U-6497

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Sci - Geophysics, geology, seismology

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Electrical Conductivity of Concentrated Solutions of Sodium Hydroxide and of Potassium Hydroxide, of Sodium and Potassium Carbonates and the Mixtures of NaOH and KOH at 25° C, by M. G. Manvelyan, T. V. Krmoyan, et al, 11 pp.

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SLA 59-15087

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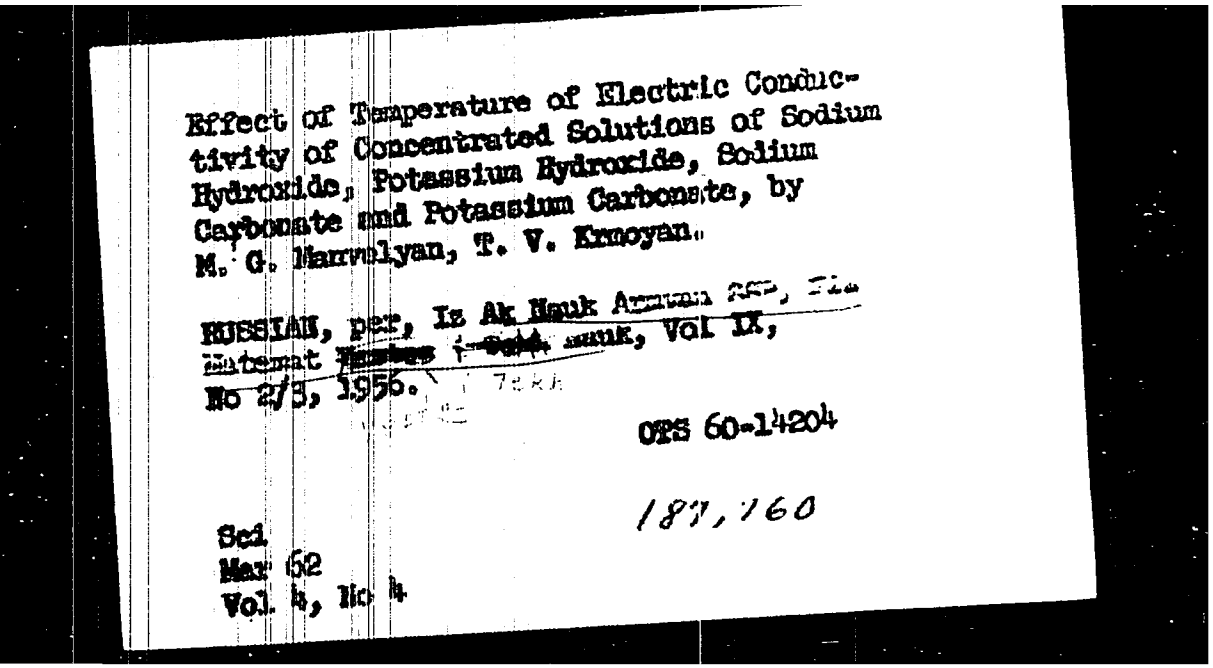

Effect of Temperature of Electric Conductivity of Concentrated Solutions of Sodium Hydroxide, Potassium Hydroxide, Sodium Carbonate and Potassium Carbonate, by M. G. Manvelyan, T. V. Kmoyan.

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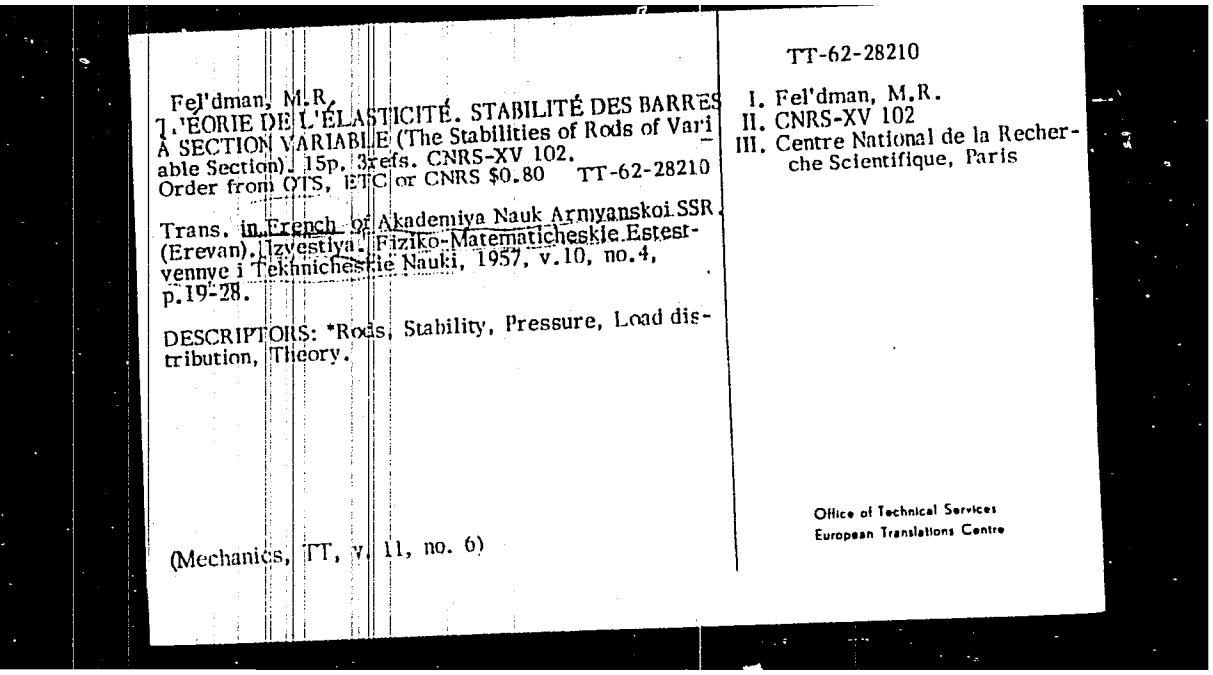

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TEORIE DE L'ÉLASTICITÉ. STABILITÉ DES BARRES À SECTION VARIABLE (The Stabilities of Rods of Variable Section). 15p. 3refs. CNRS-XV 102.
Order from OTS, ETC or CNRS $0.80 TT-62-28210

Trans. in French of Akademiya Nauk Armyanskoi SSR (Erevan). Izvestiya. Fiziko-Matematicheskie Estestvennye i Tekhnicheskie Nauki, 1957, v.10, no.4, p.19-28.

DESCRIPTORS: *Rods, Stability, Pressure, Load distribution, Theory.

(Mechanics, TT, v. 11, no. 6)

TT-62-28210

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II. CNRS-XV 102
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Sci-Geophys
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Zadoyan, M. A.
THERMAL STRESSES IN INFINITE CONCRETE SLABS WITH CONSIDERATION OF CREEP. [1962]
21p. 7 refs.
Order from CITS or SLA $2.60 63-10198

Trans. of Akad[emiya] Nauk Armyan[skoi] SSR [Erevan]. Izv[estiya. Seriya] Fiz[iko]-Mat[ematicheskikh] Nauk, 1958, v. 11, no. 1, p. 27-46.

DESCRIPTORS: *Concrete, *Thermal stresses, *Creep, Temperature, Cooling, Air, Mathematical analysis.

The stress condition of an infinite concrete slab is examined for cases of harmonic variation of the temperature of the outside air and cooling of the slab surface.
(Mechanics, TT, v. 9, no. 12)

63-10198

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I. Zadoyan, M. A.

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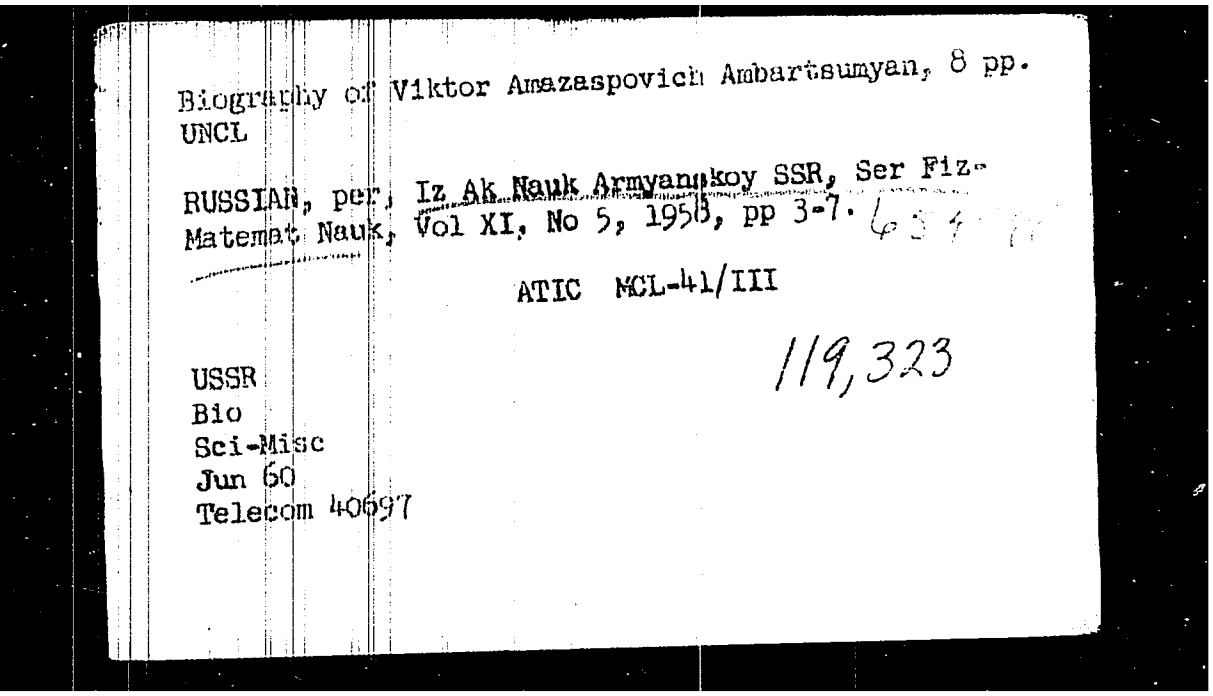

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JPRS 6103

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16p. 7 refs.
Order from MDF $8.50 MDF A-154

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(Physics--Thermodynamics, TT, v. 5, no. 3)

61-12181

I. Thermodynamics--Theory
I. Akopyan, A. A.
II. MDF A-154
III. Friedman, Morris D., Inc., West Newton, Mass.

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

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*FTD-MT-62-37
Machine translation

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Sci - Phys,

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

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Order from MDF $6.50 MDF B-174

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(Astronomy--Astrophysics, TT, v. 5, no. 7)

61-12576

1. Extraterrestrial radio waves--Detection
2. Radio astronomy--Instrumentation
I. Burunsuzyan, E. S.
II. MDF B-174
III. Friedman, Morris D., Inc., West Newton, Mass.

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Order from OTS or SLA $1.10 63-18754

Trans. of Akademiya Nauk Armyanskoi SSR, Erivan. Izvestiya. Seriya Fiziko-Matematicheskikh Nauk, 1960, v. 13, no. 2, p. 105-108.

DESCRIPTORS: *Elasticity, *Pressure, Stresses, Tensor analysis.

(Mechanics, TT, v. 10, no. 12)

63-18754

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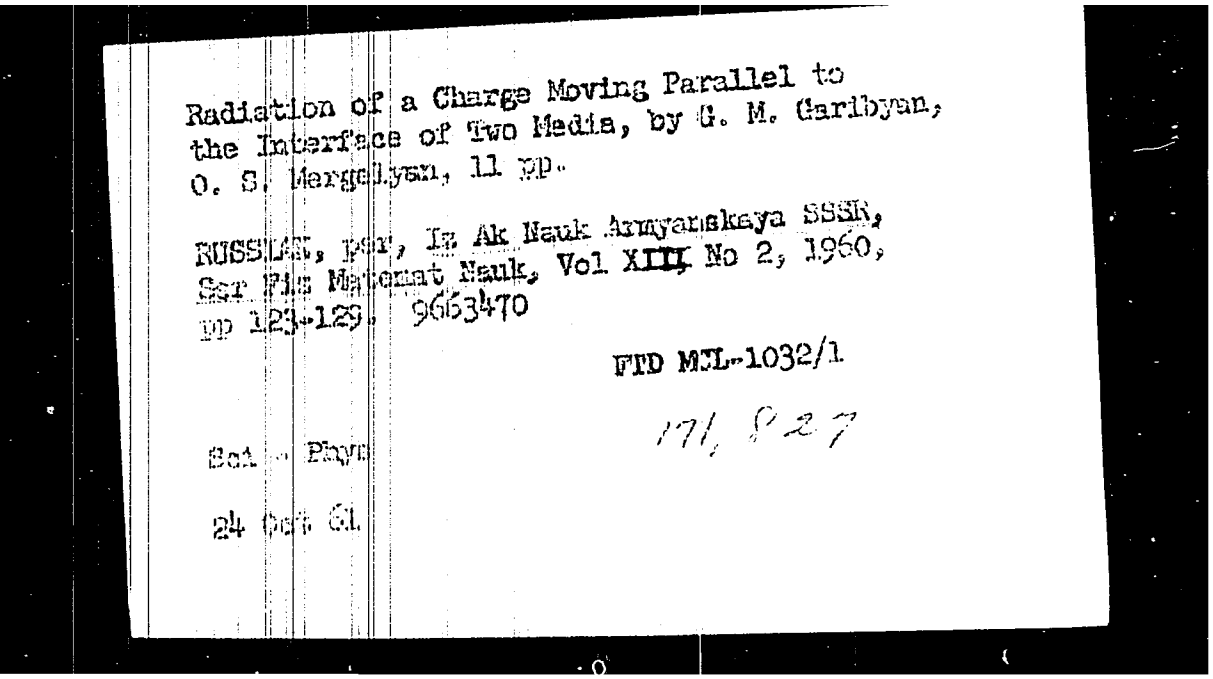

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The Spreading of the Plastic Zone in an Inhomogeneous Tube Under the Dynamic Influence of Pressure, by M. A. Zadoyan, 9 pp.

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On the Theory of the Dynamic Stability of Laminated Anisotropic Shells of Revolution, by Zh. Ye. Bagdasaryan, V. Ts. Gnuni.

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*FTD MT-62-38
Machine Translation

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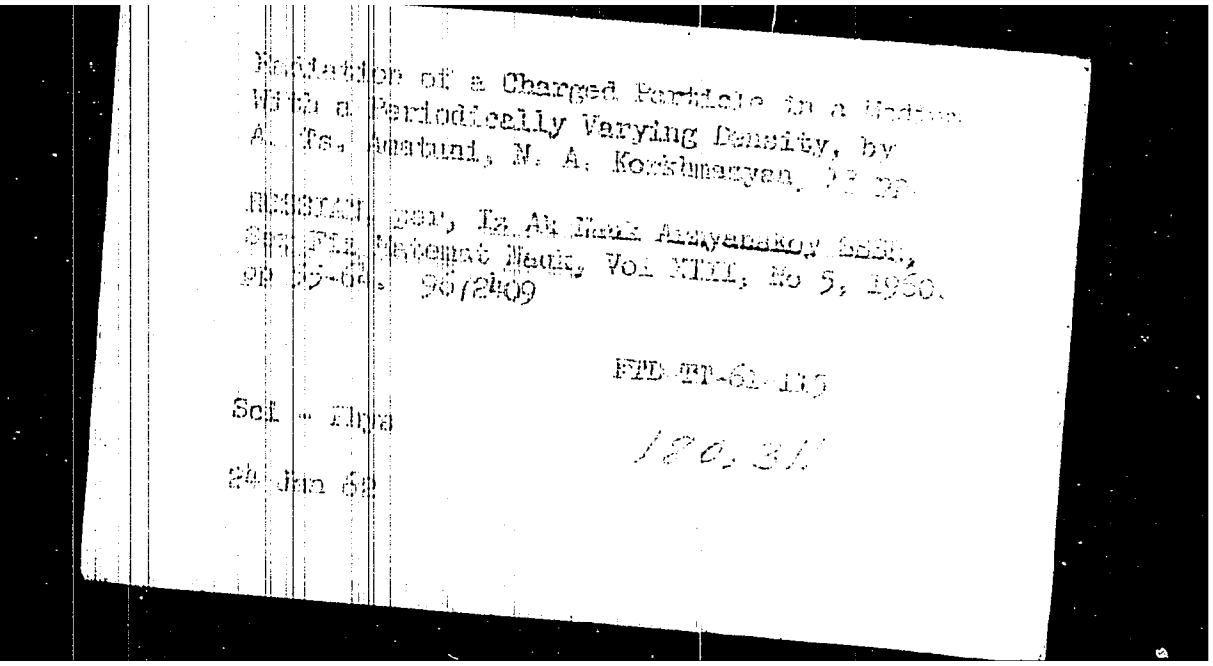

Radiation of a Charged Particle in a Medium
With a Periodically Varying Density, by
A. Ts. Amatuni, N. A. Korkhmazyan, [illegible]

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Sci - Phys

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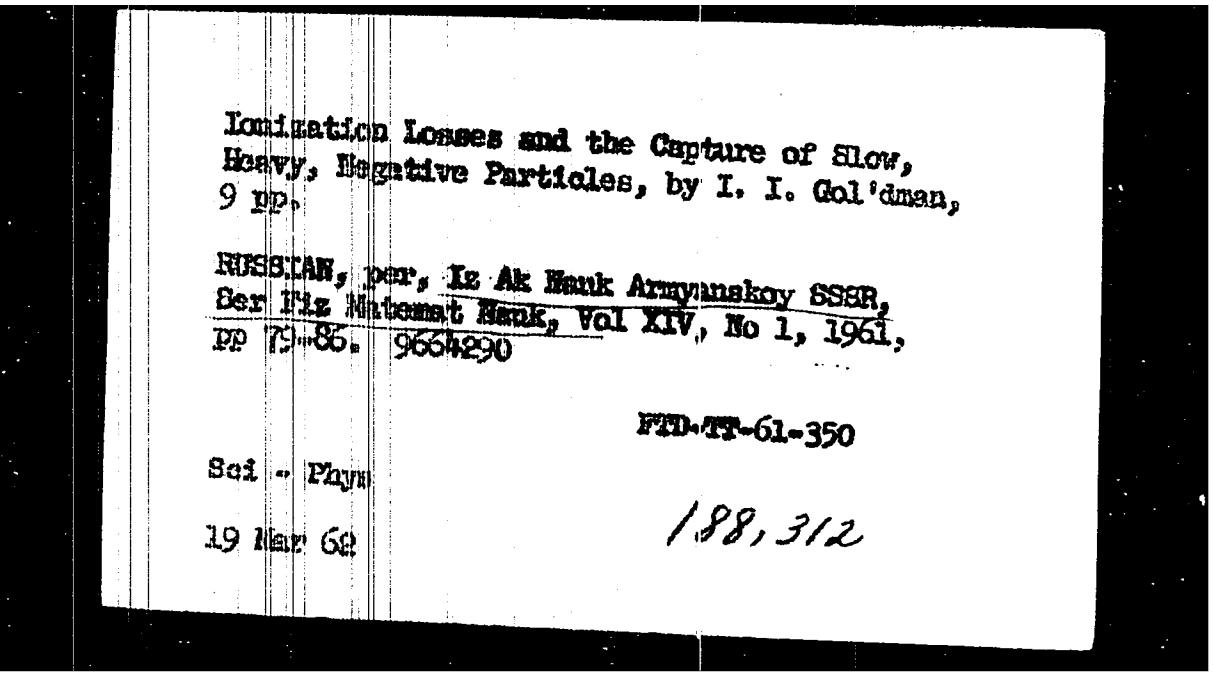

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Sci - Phys

19 Mar 62

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On Series of Taylor-Dirichlet Series for Estimating the Growth of the Entire Functions, by G. L. Lants, 6 pp.

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Sci - Phys, Math
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THE TORSION OF ANISOTROPIC PRISMATIC RODS HAVING A CROSS SECTION IN THE R FORM OF AN ELONGATED AERO-NAUTICAL PROFILE, BY V. S. SARKISYAN, 31 PP.

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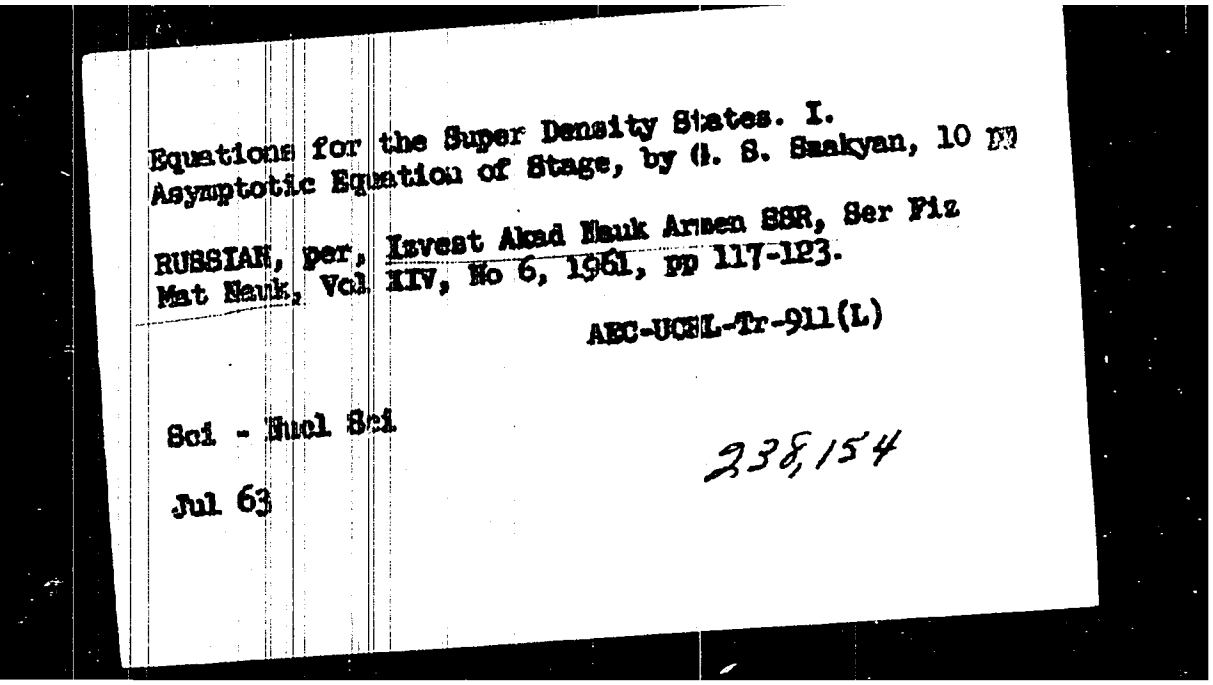

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Resonance in Forced Nonlinear Oscillations of Laminar Anisotropic Shells, by Zh. Ye. Bagdasaryan, V. Ts. Gnuni, 10 pp.

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2 Mar 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Superdense State of Matter in the Universe,
by G. S. Sayakyan, 18 pp.
RUSSIAN, paper, Iz Ak Nauk Armyanskoy SSR, Fiz
Matemat Nauk, Vol XV, No 1, 1962, pp 123-135.
9226292
AEC-UCRL-Tr-1114 (L)

Sci-Phys
Jan 65

271,795

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Abramyan, B. L. and Babloyan, A. A.
ON THE PROBLEM OF AXISYMMETRIC DEFORMATION OF A HOLLOW CYLINDER OF FINITE LENGTH, tr. by George N. Kasachkoff. 7 Nov 62, 17p. 12 refs. [AMC] (Redstone) Trans-nr-39-62. Order from OTS or SLA $1.60 63-13055

Trans. of Akademiya Nauk Armyanskoi SSSR [Erevan]. Izvestiya. [Seriya Fiziko-Matematicheskikh Nauk] 1962, v. 15, no. 2, p. 87-99.

DESCRIPTORS: *Cylindrical bodies, *Deformation, Elasticity, Load distribution, Stresses, Numerical analysis, Fourier analysis, Series.

The article gives an accurate solution to the axisymmetric problem of the theory of elasticity for a hollow cylinder of finite length, when an arbitrary load is applied to its lateral surface, and normal displacements and tangential stresses are assigned to the ends. (Author)
(Mechanics, TT, v. 10, no. 4)

63-13055

1. Title: Fourier-Dini series
I. Abramyan, B. L.
II. Babloyan, A. A.
III. AMC(Redstone) Trans-39-62
IV. Army Missile Command, Redstone Arsenal, Ala.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

The Quasi'Static Problem of a Thin Torqueless Envelope of Zero Gaussian Curvature Under Conditions of Non-linear Creep of the Material, by R. M. Kirakosyan.
RUSSIAN, per, Izvestiya Akad Nauk Arm SSSR, Seriya Fiziko-Mathematicheskikh Nauk, 1962, Vol 15, No 2, pp 153-159.
NLL RTS 2425 (On Loan or Purchase)

Aug 65 288,823

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

On the Overcongergence of Certain Series, by G. L. Lunts.
RUSSIAN: per, Izvestiya Akad Nauk Armyanskoi SSR: Seriya Fiz Matematicheskikh Nauk, Vol 15, No 5, 1962, pp 11-26.
NLL RTS 2642

Sci - Math
Oct 67

342,725

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Concerning the Creep of a Spherical Torqueless Envelope, by R. M. Kirakosyan.
RUSSIAN, per, Izvestiya Akad Nauk ArmSSR, Ser Fiz Mate Nauk, 1963, Vol XVI, No I, pp 55-61.
NLL RTS 2595 (On Loan or Purchase)

Aug 65

286,457

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Torsion of Prismatic Bars Composed of Different Materials, Taking Non-Linear Creep into Account, by M. M. Mamikyan and V. S. Sarkisyan,
RUSSIAN, per, Izv. Ak Nauk ArmySSR, Seriya Fiziko-Matemat Nauk, Vol XVI, No 3, 1965, pp 65-82.
NLL RTS 2734 (On Loan or Purchase)

Sci-Phys
Apr 67

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

A Solution for a Boundary Layer Equation, by
L. G. Petrosyan, 8 pp.
RUSSIAN, per, Iz Ak Nauk Arm SSR, Ser Fiz-Mathmat
Nauk, Vol XVI, No 5, 1963, pp 91-98. 9695083
FTD-TT-64-559

Sci - Phys
Nov 64

269,102

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Distribution of the Partial Pressures of Negative Ions in the Positive Column of a Low-Pressure Discharge, by A. M. Bezikyan, G. A. Galechyan, 9 pp.
RUSSIAN, per, Iz Ak Nauk ArmSSR, Ser Fiz-Matemat Nauk, Vol XVI, No 6, 1963, pp 117-128. 9697762
FTD-TT-65-12

Sci - Elec
Aug 65

287,542

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Nonlinear Acoustic Oscillations of a Cylindrical Shell, by A. S. Vol'mir, I. G. Kil'dibekov, 8 pp.
RUSSIAN, per, Iz Ak Nauk ARSSR, Ser Fiz-Matemat Nauk, Vol XVII, No 3, 1964, pp 65-70.
TP6000163
FTD-TT-65-1948

Sci - Phys
Dec 66

314,308

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

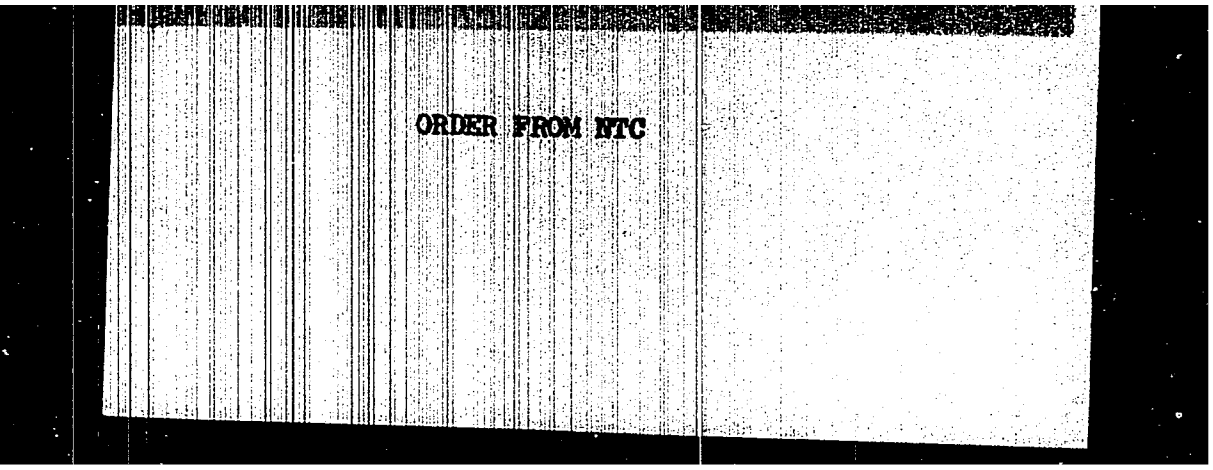
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Solution of the Problems of Free Fluctuations of Anisotropic Discs, by L. A. Movsisyan, V. S. Sarkisyan. p pp.
RUSSIAN, per. Izvestiya AK Nauk ARMSSR Ser Fiziko-Matematicheskikh NVol 17, No 4, 1964, pp 48-50. 9700346
FTD-TT-65-890

Sci/Physics
May 66 301,092

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5




APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Plane Problem for an Orthotropic Plate in the Form of an Annular Sector, by A. A. Babloyan, V. S. Tonoyan, 19 pp.
RUSSIAN, per, Izvestiya AN ARMSSR. Seriya Fiziko-Matematicheskikh Nauk, Vol 17, No 5, 1964, pp 27-42.
AIR/FTD/MT-23-398-69

sci/physics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

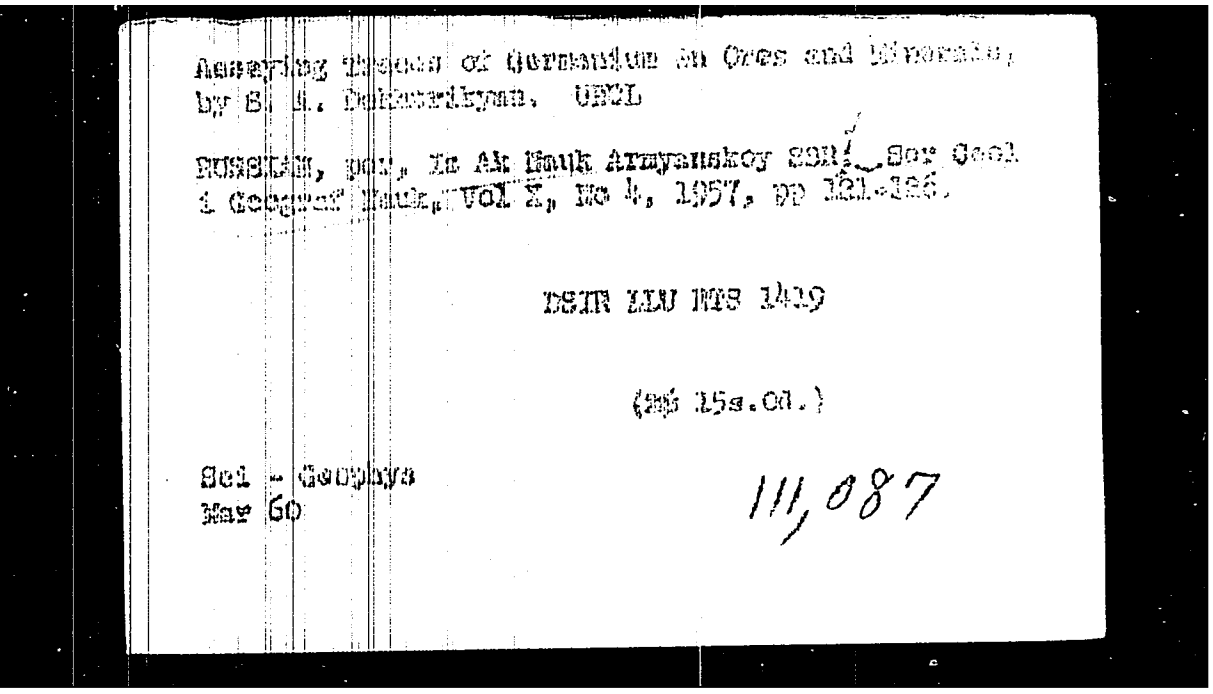
On the Buckling of Cylindrical Shells Under Longitudinal Impact, by L. A. Movsisyan, 7 pp. RUSSIAN, per, Iz Ak Nauk ArmSSR, Fiz-Mate Nauk, Vol XVII, No 6, 1964, pp 57-64.
CIA/FDD X-5600

Sci - Phys
May 65
FOR OFFICIAL USE ONLY

278,402

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5



Assaying Traces of Germanium in Ores and Minerals,
by S. L. Dolgorukova. USSR

RUSSIAN, pol, Iz Ak Nauk Armyanskoy SSR/ Ser Geol
i Geograf Nauk, Vol X, No 4, 1957, pp 121-126.

DSIR LIU MS 1419

(25 15s.od.)

Sel - Geophys
Mar 60

111,087

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

JET STREAMS OVER THE REGION OF THE ARMENIAN UPLANDS CLIMATOLOGY, BY H. P. POGOSYAN.

RUSSIAN, PER, IZ AK NAUK ARMYANSKOY SSR, SER GEOL I GEOGRAF, VOL XXI, NO 2, 1958.

NLL M. 3879

SCI - GEOPHYS

OCT 62

214,777

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Oganezov, G. G.
ON THE NEW THEORY OF GLACIATION (O Novoi Teorii Oledeneniya).
V. P. Sokoloff, tr. Nov 63, 8p 9refs
Order from ACI $5.00 in International Geology Review, v. 5, no. 11, p. 1432-1439

Trans. of Akademiya Nauk Armyanskoi SSR [Erevan]. Izvestiya. [Geologicheskie i Geograficheskie Nauki] 1962 [v. 15] no. 1, p. 3-15. (Abstract available)

DESCRIPTORS: *Glaciers, Geophysics, Theory.

Periodic glaciations of the Earth, in the ultimate analysis, are produced by tectonic and not by climatic factors, specifically by deep-seated ruptures, deformations, imbalances resulting from abyssal volcanism with their surficial expressions, the consequent
(Earth Sciences--Geology, TT, v. 11, no. 11) (over)

TT-63-17713-11 (p. 1432-1439)

I. Oganezov, G. G.
II. American Geological Inst., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Principal Structural Elements of the Moon and the Value of the Geographical and Geological Methods of Its Study, by Yu. A. Khodak.
RUSSIAN, per, Iz Akad Nauk Arm SSR, Seriya Geolog i Geogra, 1963, No 8, pp 11-22.
NLL RTS 2637 (On Loan or Purchase)

Aug 65 288,825

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Kostanyan, K. A. and Nalchadzhyan, S. O.
METHODS OF MEASURING THE SPECIFIC ELECTRIC CONDUCTIVITY OF MELTED GLASSES (O Metodike Izmereniya Udel'noi Elektroprovodnosti Rasplavlennykh Stekol). [1962] [30]p. (foreign text included) 17 refs.
Order from OTS or SLA $1.60 62-18006

Trans. of Akademiya Nauk Armyanskoi SSR [Erevan]. Izvestiya. Seriya Khimicheskikh Nauk, 1958, v. 11, no. 1, p. 3-11.

DESCRIPTORS: *Glass, Melting, Electrical conductance, Measurement.

Suggested methods for measuring the specific electric conductivity of melted glasses include (a) sounding methods, which practically eliminate the influence of the electrode voltage decline and which permit the (Materials--Ceramics, TT, v. 9, no. 2) (over)

62-18006

I. Kostanyan, K. A.
II. Nalchadzhyan, S. O.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Investigations in the Field of Benzofuran Derivatives, by A. L. Mndzhoyan, RUSSIAN, per, Izv. Ak Nauk ArmySSR, Seriya Khim. Nauk, No 1, 1958, pp 45-56.
NLL RIS 3577
(On Loan or Purchase)

Sci-Chem
Apr 67 324,067

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Colorimetric Determination of Rhenium in the Presence of Molybdenum, by V. M. Tarayan, L. G. Mushegyan.
[RUSSIAN, per, Iz Ak Nauk Armyanskoy SSR, Khim. Nauk, No 6, 1958, pp 397-408.
GB/4/T/1570

Sci - Mat/Met
Jul 64

262,592

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Dangyan, M. T. and Mesropyan, E. G.
OXIDATION OF ALKYL-β-CHLORALLYLACETIC ACID WITH HYDROGEN PEROXIDE IN AN ACETIC ACID MEDIUM, COMMUNICATION 1 (Okislenie Alkil-β-Khloralliluksusnykh Kislot Perekis'yu Vodoroda v Srede Uksusnoi Kisloty). [1962] 6p. (foreign text included) 5 refs.
Order from OTS or SLA $1.10 63-10750

Trans. of Akad[emiya] Nauk Armyan[skoi] SSR [Erevan]. Izvest[iya, seriya] Khim[icheskikh] Nauk, 1961, v. 14 [no. 2] p. 147-149.

DESCRIPTORS: *Alkyl radicals, Chlorine compounds, *Allyl radicals, *Acetic acids, Oxidation, *Hydrogen peroxide.

By oxidizing alkyl-β-chlorallylacetic acid with hydrogen peroxide in acetic acid medium, the corresponding
(Chemistry--Organic, TT, v. 10, no. 1) (over)

63-10750

I. Dangyan, M. T.
II. Mesropyan, E. G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Behavior of the Methyl Peroxide Radical in the Low-Temperature Oxidation of Methane, by A. A. Manteshyan, N. I. Moshkina, et al, 13 pp.

Zhurnal, prik, Izvest Akad Nauk Armyan SSR, Khim Nauk, Vol XIV, No 3, 1961, pp 185-195.

AEKE, Harwell/
MP Tr-972

Sci - Mat & Met

May 63

232,229

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Investigations of the Mechanism of Retarding the Evaporation of Water Through a 1-hexadecanol Monolayer, by T. V. Krmoyan, R. K. Pogosyan.
RUSSIAN, per, Izv Ak Nauk ArmSSR, Khim Nauk, Vol 16, No 2, 1963, pp 97-116.
NTC-69-13193-07D

Sci-Chem
Sept 69

391,687

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Complex Treatment of Sodium Chloride,
by M. G. Manvelyan. 5p.
RUSSIAN, per, Izvestiya Akademiya Nauk
Armyanskoi SSR, Erevan Seriya Khimicheskikh
Nauk, Vol 17, No 5, 1964, pp 573-576.
TC-1399

Sci-
Jul 66

307,612

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Karapetyan, B. K.
RESULTS OF SEISMOMETRIC OBSERVATIONS DURING MASS EXPLOSIONS (Resul'taty Seismometricheskikh pri Massovykh Vzryvakh) tr. by Ivan Mittin 1960 [14]p. 2 refs.
Order from LC or SLA mi$2.40, ph$3.30 61-19237

Trans. of Akademiya Nauk Armyanskoy SSR [Yerevan] Izvestiya, Seriya Tekhnicheskikh Nauk, 1957, v. 10, no. 3, p. 21-34.

Results are discussed of the observations of mass explosions in 1955-56 in various areas (Maralik, Dtmashen, Dvin, Talish, and the Tokhmakhangelsk pit) of the ASSR. As a recording device, the portable pendulum seismometer AIS-2 with free oscillations was used; periods of horizontal oscillations were 0.05; 0.1, 0.2, 0.4 sec, and vertical -- 0.05, 0.1, 0.2 sec with the logarithmic damping decrement $\delta$ 0.2-0.4 which is an approximate model-scale for buildings and structures of the same characteristics.
(Earth Sciences--Seismology, TT, v. 5, no. 12) (over)

61-19237

1. Seismic waves--Analysis
2. Explosions--Physical effects
I. Karapetyan, B. K.
II. Geological Survey, Denver, Colo.

160931

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

(1962-N)

On the Development of Solar Engineering in the Armenian SSR, by K. Sh. Vermishev, 6 pp. USCL.

RUSSIAN, per, Izvestiya Akademii Nauk Armyanskoy SSR, Seriya Tekhnicheskikh Nauk, Vol XI, No 4, Yerevan, 1958, pp 69-74.

US JPRS 1110-N

USSR
Sci - Engineering
Feb 59

80,593

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

First Investigations in the USSR on the Control of Evaporation, by I. V. Egyazarov, 4 pp.

RUSSIAN, per, Iz Ak Nauk Armyanskoi SSR, Ser Tekh Nauk, No 6, 1960, pp 11-13.

NLL Tr Bul
Vol 3, No 7, 1961

Sci - Geophys

180,026

Jan 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Experiments on the Use of Nonomolecular Films for the Purpose of Reducing Evaporation Conducted on the Shore of Lake Sevan, by V. S. Makarova, A. M. Mkhitaryan, 39 pp. RUSSIAN, per, Iz Ak Nauk Armyans SSR, Ser Tekh Nauk, Vol XIV, No 3, 1961, pp 83-57. CFSTI TT-64-19351

Sci - Agri
Jul 66 305,349

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Zuikov, V. N.
SPECTROPHOTOMETRY OF SOLAR PROMINENCES (Spektrofotometriya Solnechnykh Protuberantsev) tr. by John Miller. Apr 57 [40] p. 47 refs. AmMetSoc-T-R-100. Order from OTS or SLA $3.60 63-23114

Rough draft trans. of Astronomicheskaya Observatoriya [Pulkovo] Izvestiya (USSR) 1956 [v. 20, no. 2] (155) p. 22-45.

DESCRIPTORS: *Solar flares, Hydrogen, Helium, Calcium, Electron density, Atoms, Excitation, Temperature, Astronomical data, Measurement, Processing, Spectrophotometers, *Spectrographic data, Astrophysics.

The results are examined of measuring the equivalent width of seven lines of the Balmer series, H and $KCa^+$, and the series He 5876, 4472 and 4026 lines of the spectra of 30 prominences obtained during the three (Astronomy--Astrophysics, TT, v. 10, no. 5) (over)

63-23114

I. Zuikov, V. N.
II. AmMetSoc-T-R-100
III. American Meteorological Society, Boston, Mass.
IV. Contract AF 19(604)1936

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Experimental Determination of Oscillator Strengths of the Lines of Lead by the Absorption Method, by M. Z. Khokhlov.

RUSSIAN, per, Iz Krymskaya Astrofizicheskaya Observatoriya, Vol XXII, 1960, pp 118-127.

*PL-480
OTS 63-11135

PST-899
Sci

Jan 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Khaikin, S. E., Kaidanovskii, N. L. and others.
THE LARGE RADIO TELESCOPE AT PULKOVO, tr. by J. L. Zygielbaum. 30 Jan 62 [60]p. 22 refs. JPL Trans. 25; NASA N62-10819.
Order from OTS or SLA $5.60 63-15081

Trans. from Astronomicheskaya Observatoriya, Pulkovo, Izvestiya (USSR) 1960 [v. 21, no. 5(164)]. Another trans. is available from OTS or SLA $3.60 as 61-16113 [1961] [34]p.

DESCRIPTORS: *Telescopes, Radio equipment, Radio astronomy, Design, Construction, Tests, Resolution, Reflectors, Antennas, Microwave equipment.

The telescope consists of a range of flat reflecting elements which form a polyhedral surface tangential to an elliptic cone surface. The reflector transforms the plane wave into a cylindrical wave with a vertical axis, (Astronomy, TT, v. 9, no. 5) (over)

63-15081

I. Khaikin, S. E.
II. Kaidanovskii, N. L.
III. JPL Trans-25
IV. NASA N62-10819
V. Jet Propulsion Lab., Calif. Inst. of Tech., Pasadena

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

The Investigation of the Pulkovo Polarimeter and ASI-4 Chamber, by Ye. K. Kokhan, 17 pp.
RUSSIAN, per, Iz Ak Nauk SSR, Astron Observatoriya, Vol XXIII, No 5, 1964, pp 86-92. PI00060966
FTD-TT-65-1095

Sci - Elec & Elec Engr
Oct 66

312,860

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Effects of Chromatic Astronomical Refraction on the Guiding of a Long Focus Telescope, by G. A. Mel'nikov, G. G. Lengauer, et al, 48 pp. RUSSIAN, per, Izvestiya Astronomicheskaya Observatoriya, Vol XXIII, No 5, 1964, pp 121-143. P100064467-V
FTD HT 66-184

Sci-Navigation
Mar 67

320,767

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Certain Possibilities of Utilizing Photoelectric and Television Methods for Combating Noise From Atmospheric Turbulence During Astronomical Observations, by N. P. Kuprevich. 30, pp.
RUSSIAN, per, Iz Astronomicheskaya Observatoriya, Pulkovo, Vol XXIII, No 5, 1964, pp 144-154. P100064467-V
FTD HT 66-184

Sci-Navigation
Mar 67

320,768

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Variability of the Astroclimate, by
G. I. Bel'shakova, Sh. P. Darchiya,
14 pp.
RUSSIAN, per. Iz Astronomicheskaya
Observatoriya Pulkovo, Vol XXIII,
No 5, 1964, pp 155-161. P100064467-V
FTD HT 66-184

Sci-NAvigation
Mar 67

320,769

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Belen'kii, M. S. and Kovaleva, L. I.
APPLICATION OF THE METHOD OF UNIMOLECULAR FILMS TO INVESTIGATION OF THE CHEMICAL STRUCTURE OF POLYNAPHTHENIC ACIDS. [1951. 7p. 13 refs.
Order from OTS or SLA $1.10 61-18069

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Izvestiya, 1935, no. 28, p. 25-32.

DESCRIPTORS: Naphthenic acids, Acids, Molecular structure, Monomolecular films, Films.

(Unannounced)

61-18069

I. Belen'kii, M. S.
II. Kovaleva, L. I.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Aliev, Sh. B.
DESULFURIZATION OF KALA OIL. [1961] 2p.
6 refs.
Order from OTS or SLA $1.10 61-18233

Condensed trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Izvestiya, 1938, no. (?) p. 75-79.

DESCRIPTORS: Petroleum, Desulfurization, Sulfur, Separation.

(Unannounced)

61-18233

I. Aliev, Sh. B.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Belen'kii, M. S. and Kovaleva, L. I.
PHYSICO-CHEMICAL CHARACTERISTICS OF LUBRICATING OILS. [1961] 10p 32 refs.
Order from OTS or SLA $1.10 61-18093

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Izvestiya, 1938, no. (?) p. 133-150 (some sections summarized).

DESCRIPTORS: *Lubrication, *Oils,

(Unannounced)

61-18098

I. Belen'kii, M. S.
II. Kovaleva, L. I.

Office of Technical Services

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Kovaleva, L. I. and Tevosov, S. P.
CHEMICAL STRUCTURE OF NAPHTHENIC ACIDS.
[1961] 5p. 1 refs.
Order from OTS or SLA $1.10 61-18070

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku]. Izvestiya, 1938, no. 55, p. 167-174.

DESCRIPTORS: Naphthenic acids, Acids, Molecular structure.

(Unannounced)

61-18070

I. Kovaleva, L. I.
II. Tevosov, S. P.

Office of Technical Services

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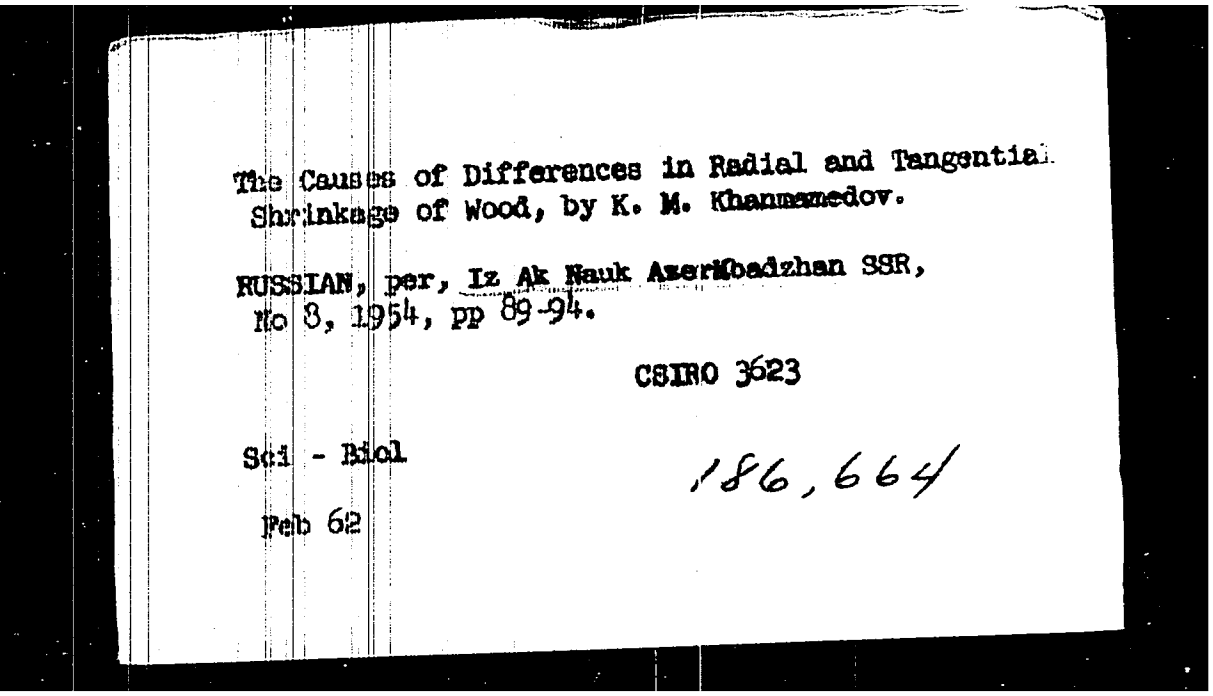

The Causes of Differences in Radial and Tangential Shrinkage of Wood, by K. M. Khanmamedov.

RUSSIAN, per, Iz Ak Nauk AzerSSR, No 8, 1954, pp 89-94.

CSIRO 3623

Sci - Biol

Feb 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

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RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSSR, No 7, 1955, pp 3- 25. (33772,2)

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Sci - Chemistry
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Bright Solar Flocculi in K (CA II) Lines, by
A. A. Ismayilov, 9 pp.

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No 8, 1955, pp 11-15.

ATIC MCL-230/III

Sci - Astron

Dec 60

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

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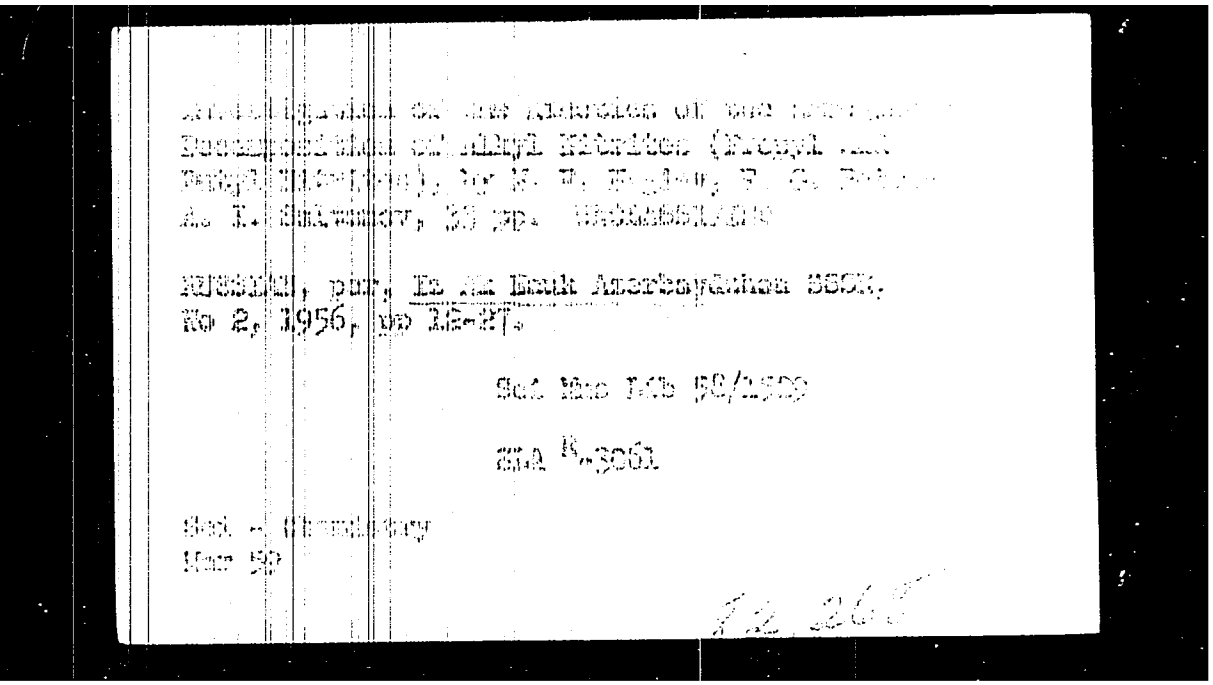

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Organic Substance in the Cretaceous Beds of North Kobystan, by I. K. A. Ismailov.

RUSSIAN, per. Iz Ak Nauk SSR Azerbaydzhanskoy SSR, No 3, 1957, pp 87-95.

Dept of Interior
US Geological Survey
Denver Branch Lib,
Denver, Col

Sci - Geophysics
Jan 61

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Mirzoeva, L. M.
DETERMINATION OF SOLID PHASE CONCENTRATION IN A TWO-PHASE MEDIUM IN UPWARD MOTION IN A VERTICAL TUBE. Oct 61, 5p. 4 refs. Order from ICE in v. 1, no. 1, $15.00/year

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR [Baku]. Izvest[iya] 1957, no. 9, p. 11-19. Another trans. is available from ATS $11.00 as ATS-38N50R [1962] 8p.

DESCRIPTORS: *Phase studies, Solids, Equations of state, Heat transfer.

(Physics--Thermodynamics, TT, v. 8, no. 8)

62-22205

I. Mirzoeva, L. M.
II. International Chemical Engineering, New York

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RUSSIAN, per: Iz Ak Nauk Azerbaydzhanskoy SSR, No 6, 1958, pp 23-[illegible].

JPRS-1047-D

Sci - Engr
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

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RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSR, Vol XV, No 1, 1958, pp 37-45.

BLA 60-23622

Sci
Vol IV, No 9
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Effect and Results of Ionizing Radiations of Cobalt-60 on the Growth, Development, and Yielding Capacity of Cotton, by R. E. Yeyubov.

RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSR, No 5. 1959. pp 28-39. CIA 9057401

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Sci - Chem

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RUSSIAN, per. Ak Nauk Azerbaidzhanskoi SSR, Izvestiia, No 1, 1961, pp 15-23.

CSIRO/No 6069

Sci-Biol & Med Sci
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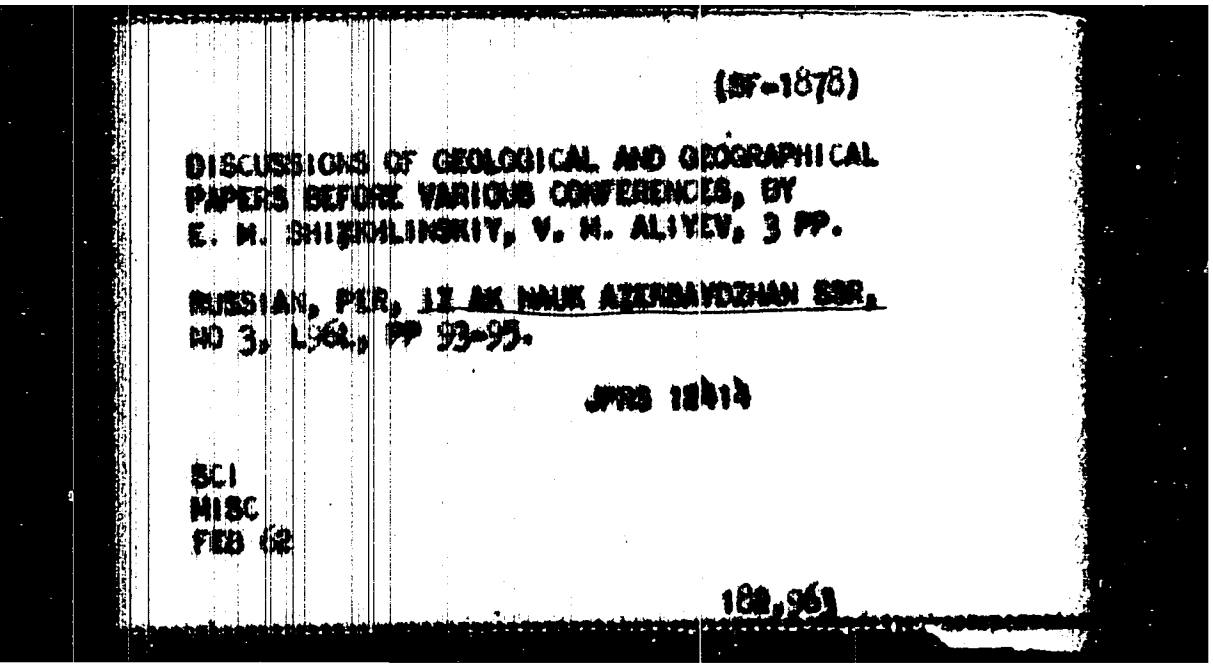

(SF-1878)

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JPRS 18414

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RUSSIAN, per, Iz Ak Nauk Azerbaydzhanskoy SSR, Baku, Vol XV, No 3, 1958, pp 201-205.

SLA 60-17370

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170040-5

Alekperov, S. A.

THE EFFECT OF CONCENTRATED SALT SOLUTIONS ON THE PHYSIOLOGY OF SWELLING AND GERMINATION OF SEEDS OF SOME LIGNEOUS AND SCRUB PLANTS (Vliyanie Kontsentrirovannykh Rastvorov Soli na Fiziologiyu Nabukhaniya i Vskhozhest' Semyan Nekotorykh Drevesnykh i Kustarnikovykh Rastenii) tr. by W. Hall. [1962] [23]p. (foreign text included) 13 refs. [CSIRO] Trans. no. 6069.
Order from OTS or SLA $2.60 63-13239

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya Biologicheskikh i Meditsinskikh Nauk. 1961, no. 1, p. 15-23.

DESCRIPTORS: Salts, Solutions, Physiology, Salinity, *Fertility, *Seeds, Plants (Botany), Growth, Soils, *Absorption (Physiology),

(Biological Sciences--Botany, TT, v. 10, no. 7) (over)

63-13239

I. Alekperov, S. A.
II. CSIRO Trans-6069
III. Commonwealth Scientific a and Industrial Research Organization (Australia)

Office of Technical Services

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RUSSIAN, per, Izvestiya Akademiy Nauk Azerbaidzhanskoi SSR. Seriya Biologicheskikhi Meditsinskikh Nauk, no 1, 1961 pp. 67-76.
CFSTI TT 69055078

Sci/b&m
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RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSR Biol i Med Nauk, Vol X, 1961, pp 55-66.
CSIRO/No 6662

TT-64-19547

Sci - Biol/Med
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